

**DECLARATION  
AND POWER OF ATTORNEY  
Original Application**

ATTORNEY'S DOCKET NO.  
**D-21408**

As a below named inventor, I declare that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in this Declaration, that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 201 below, or a joint inventor if plural inventors are named below at 201 et seq., of the invention entitled:

FREE PISTON DEVICE WITH TIME VARYING CLEARANCE SEAL

which is described and claimed in:

- ☒ the attached specification or  
☐ the specification in application Serial No. \_\_\_\_\_ filed \_\_\_\_\_ amended \_\_\_\_\_  
(for declaration not accompanying application) (Day, Month, Year) (Day, Month, Year)

that I acknowledge a duty to disclose information I am aware of which is material to the patentability of this application in accordance with 37 CFR 1.56(a), that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application and that as to applications for patent or inventor's certificate filed by me or my legal representatives or assigns in any country foreign to the United States of America, the earliest filed foreign application(s) filed within twelve months prior to the filing date of this application and all foreign applications filed more than twelve months prior to the filing date of this application are identified at 600, and, as required, 601 below.

|            |  |
|------------|--|
| <b>600</b> | CHECK APPROPRIATE BOX:   |
|            | <input checked="" type="checkbox"/> No earlier-filed applications<br><br><input type="checkbox"/> Required information as to foreign applications filed prior to filing date of this application is at 601 on page 2 attached hereto and made a part hereof. |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Donald T. Black  
Gerald L. Coon  
Stanley Ktorides

Reg. No. 27999  
Reg. No. 29910  
Reg. No. 29399

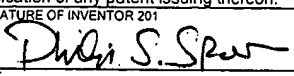
David M. Rosenblum  
Iurie A. Schwartz  
Steven T. Trinker

Reg. No. 29341  
Reg. No. 43909  
Reg. No. 28274

|  |  |
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| <b>SEND CORRESPONDENCE TO:</b><br><br>PRAXAIR TECHNOLOGY, INC.<br>Law Department M1-557<br>39 Old Ridgebury Road<br>Danbury, CT 06810-5113 | <b>DIRECT TELEPHONE CALLS TO:</b><br><br>Stanley Ktorides (203) 837-2178 |
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|            |  |           |                          |                        |
|------------|--|-----------|--------------------------|------------------------|
| <b>201</b> | FULL NAME OF INVENTOR  | LAST NAME | FIRST NAME               | MIDDLE NAME            |
|            | RESIDENCE & CITIZENSHIP  | CITY      | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|            | POST OFFICE ADDRESS  | CITY      | STATE OR COUNTRY         | ZIP CODE               |
|            |  |           |                          |                        |
| <b>202</b> | FULL NAME OF INVENTOR  | LAST NAME | FIRST NAME               | MIDDLE NAME            |
|            | RESIDENCE & CITIZENSHIP  | CITY      | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|            | POST OFFICE ADDRESS  | CITY      | STATE OR COUNTRY         | ZIP CODE               |
|            |  |           |                          |                        |
| <b>203</b> | FULL NAME OF INVENTOR  | LAST NAME | FIRST NAME               | MIDDLE NAME            |
|            | RESIDENCE & CITIZENSHIP  | CITY      | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
|            | POST OFFICE ADDRESS  | CITY      | STATE OR COUNTRY         | ZIP CODE               |
|            |  |           |                          |                        |
| <b>300</b> | <input type="checkbox"/> Additional matter on page 2 attached hereto and made a part hereof. When page 2 is used, all signatures must be signed on page 2. |           |                          |                        |
|            | List of Applicants continued on page 2 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |           |                          |                        |
|            |  |           |                          |                        |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

|  |                           |                           |
|--|---------------------------|---------------------------|
| SIGNATURE OF INVENTOR 201<br> | SIGNATURE OF INVENTOR 202 | SIGNATURE OF INVENTOR 203 |
| DATE<br>3/09/2004  | DATE                      | DATE                      |